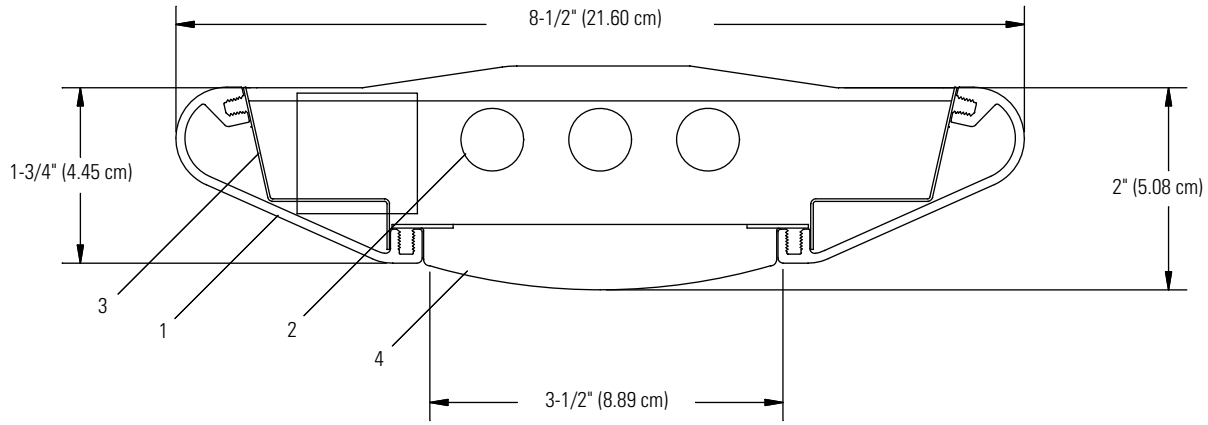
Lytespread™ LSB Radial Louver 3-Light T5 Per 4-Foot (Nominal) Section



Fixture Shown Half Scale

Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSB	**3**		**D**			
	3 = 3-Lamp T5	**4** = 4-Foot **8** = 8-Foot	**D** = Radial Louver	**28** = 28W T5 **54** = 54W T5 **5E** = 54W T5 Emergency Pack **2E** = 28W T5 Emergency Pack **5D** = 54W T5 Dimming	**1** = 120 volt **2** = 277 volt	**AL** = Aluminum **WH** = White

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
2. **Lamping:** Three T5, 28 or 54 watt (as specified) fluorescent lamps per 4-foot nominal section. Provided by others.
3. **Reflector:** Precision die-formed specular aluminum.
4. **Radial Louver:** Precision die-formed aluminum straight blade louver, blades are 5/8" (1.59cm) high and 5/8" (1.59cm) O.C.

Electrical

Ballast is <10% THD, .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.
Dimming: - 120/277 VAC 1% dimming level, 4 wire feed required.
Emergency Battery Pack: - 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes, 4 wire feed required.

Mountings

Cable suspension (not shown) - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Dual-screw draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish. Custom colors available, consult factory.

Options and Accessories

Emergency circuiting; special circuiting; X, T & L joiner blocks - consult factory.

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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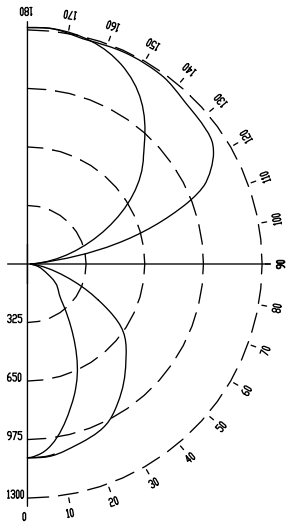
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 300-1K
CAT NO: LSB34D28
LAMPS: 3 F28T5
LUMENS: 2900
EFFICIENCY: 83.3%

CANDLEPOWER

ZONE ➤ / DEG. ▼	0	22	45	67	90
		CANDELAS			
180	1313	1313	1313	1313	1313
175	1315	1313	1319	1314	1314
165	1291	1295	1300	1302	1287
155	1225	1236	1259	1293	1292
145	1101	1139	1197	1277	1285
135	914	984	1094	1238	1251
125	738	838	1029	1266	1235
115	499	659	922	1076	1097
105	268	485	637	636	634
95	71	126	110	83	81
90	15	20	23	25	19
85	25	30	35	43	45
75	69	74	79	100	160
65	115	126	140	226	388
55	195	205	237	481	645
45	254	275	354	608	771
35	416	466	570	782	896
25	655	693	770	932	1000
15	868	892	934	1023	1042
5	1046	1052	1063	1074	1077
0	1076	1076	1076	1076	1076

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	85	85	85	76	76	76	60	60	60
1	78	75	72	70	67	64	53	51	50
2	71	66	61	64	59	55	47	44	42
3	65	58	53	58	52	48	42	38	36
4	60	52	46	54	47	42	37	34	31
5	55	46	40	49	42	36	34	30	27
6	51	42	35	46	38	32	30	27	24
7	47	37	31	42	34	28	27	23	20
8	43	34	28	39	31	25	25	21	18
9	40	31	25	36	28	23	23	19	16
10	38	28	22	34	25	20	21	17	14

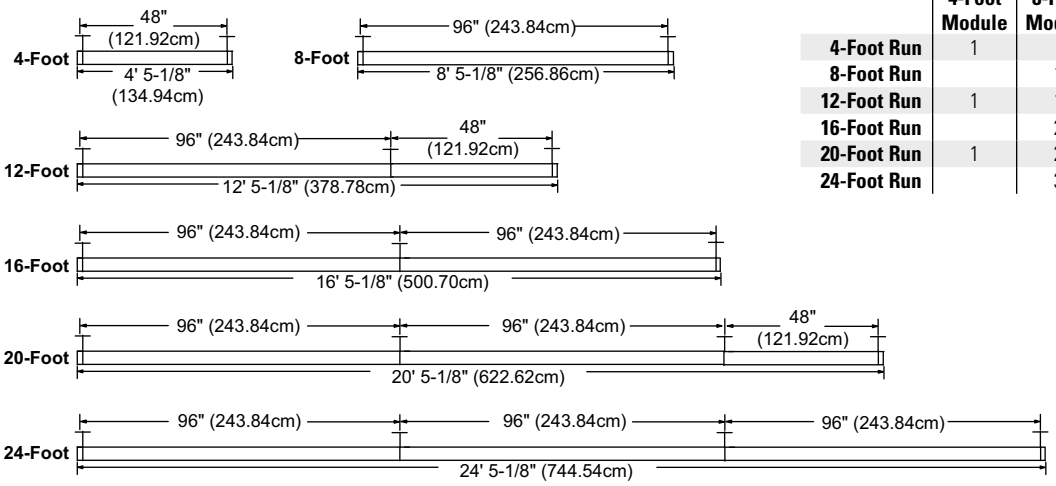
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	2093	24.1	28.9
90-180	5157	59.3	71.1
0-180	7250	83.3	100.0

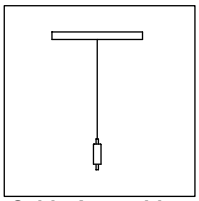
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

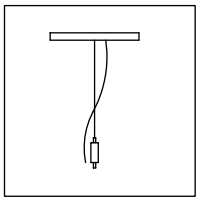


	4-Foot Module	8-Foot Module	Cable/ Assembly	Power Feed End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

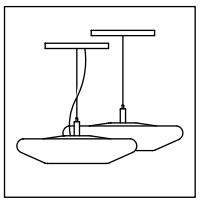
Mounting Accessories



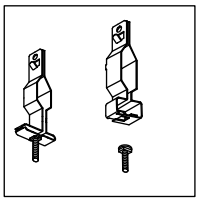
Cable Assembly
Single Cable: **LSBC36**



Cable/Cord Assembly
Single Cable & Cord: **LSBCC36**
Single Cable & 4 Wire Cord*: **LSBCC36X4**



Power Feed End Set
Straight Cord: **LSBEC36WH** (white)
LSBEC36AL (aluminum)
4 Wire Cord*: **LSBEC36WHX4** (white)
LSBEC36ALX4 (aluminum)



Ceiling Grid Kit
CGK
Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip

***Use for dimming, switching, and emergency battery packs.**

Job Information **Type:**

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